



BOROUGH OF CHATHAM

---

ANNUAL

# REPORT

of

Medical Officer of Health

L. F. McWILLIAMS, M.C.,M.B.,B.Ch.,D.P.H.

and

Chief Public Health Inspector

T. BARLEY, M.A.P.H.I.

For the Year

1971





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## Staff of Public Health Department

### MEDICAL OFFICER OF HEALTH:

(Combined appointment with City of Rochester and Strood R.D.C.)

L. F. McWILLIAMS, M.C., M.B., B.Ch., D.P.H.

(also undertakes duty as Medical Referee,  
Medway Crematorium and Port Medical Officer, Rochester)

### DEPUTY MEDICAL OFFICER OF HEALTH

(Combined appointment with City of Rochester,  
Boroughs of Gillingham, Faversham, Queenborough-in-Sheppey,  
Urban District of Sittingbourne and  
Rural Districts of Strood and Swale)

B.H. GOOCH, M.A., M.B., B.Ch., L.M.S.S.A., D.P.H.  
(Commenced 5/4/71)

(also undertakes duty as Deputy Medical Referee,  
Medway Crematorium and Deputy Port Medical Officer, Rochester)

### *Chief Public Health Inspector*

T. BARLEY, M.A.P.H.I.

(Combined appointment with City of Rochester)

### *Senior Public Health Inspector*

A. J. MOORE, M.A.P.H.I.

### *District Public Health Inspectors:*

J. MOORES, M.A.P.H.I. (Resigned 31/1/71)      J. BEVAN, M.A.P.H.I.  
N. G. PHILP, M.A.P.H.I.      D. T. SPRINGATE  
E. J. STIRZAKER, M.A.P.H.I.  
R. D. BUSHROD, B.Sc., M.A.P.H.I.

### *Chief Clerk:*

O. THOMAS

### *Clerks:*

MRS. J. COLLIN (Commenced 1/4/71)

MRS. S. SALLNOW

MRS. B. RUTTER (Resigned 23/3/71)

MISS T. BUSH

### *Other Employees:*

Foreman - W. T. SOUTHERN (Retired 12/10/71)

Rodent Operator/General Assistant - L.M. MARTIN

(Appointed Foreman 13/10/71 on retirement of Mr. Southern)

Driver - P. L. SMALLEY

## MEMBERS OF THE CHATHAM COUNCIL

AS AT 31ST DECEMBER, 1971

The Mayor (Councillor V. S. Bruce)  
The Deputy Mayor (Alderman R. B. Rider)

Alderman A.G.C. Brown, J.P., C.Eng., M.I.E.E.	Councillor A.W. Thomas
Alderman Mrs. B. Grieveson, O.B.E., J.P.	Councillor E.B. Whitaker
Alderman H.H. Duckett, M.P.S.	Councillor A.J. White, A.M.B.I.M.
Alderman R.D. Cox, C.C.	Councillor Miss I.M. Baker
Alderman D. H. Elvy	Councillor C.J. Norman
Councillor R.E. Bean, A.I.O.B., A.M.B.I.M.	Councillor C.E.J. Spearing
Councillor J.S. Wells	Councillor J.H. Goddon
Councillor D.A.C. Wheeler	Councillor Mrs. M. Christopher
Councillor Miss E.J. Cox	Councillor W.H. Davis
Councillor F.P. Hepper	Councillor W.F. Eastwick
Councillor S.C. Finn	Councillor R. Foster

## HEALTH COMMITTEE

This consists of:

(A) Up to May, 1971

Chairman: Alderman H.H. Duckett, M.P.S.  
Vice-Chairman: Councillor K.R. Griffiths  
His Worship the Mayor (Alderman D.H. Elvy), (ex officio)  
Aldermen A.G.C. Brown, J.P., C.Eng., M.I.E.E.,  
Mrs. B. Grieveson, O.B.E., J.P., and R.D. Cox, C.C.  
Councillors J.W. Bedson, D.A.C. Wheeler, Miss E.J. Cox,  
F.P. Hepper, M.E. Wright, S.C. Finn and C.E.J. Spearing

(B) From May, 1971

Chairman: Alderman H.H. Duckett, M.P.S.  
Vice-Chairman: Councillor C.E.J. Spearing  
His Worship the Mayor (Councillor V.S. Bruce) (ex officio)  
Aldermen Mrs. B. Grieveson, O.B.E., J.P.,  
R.D. Cox, C.C. and D.H. Elvy  
Councillors Miss E.J. Cox, F.P. Hepper, S.C. Finn,  
A.W. Thomas, Mrs. M. Christopher,  
W.H. Davis and R. Foster

Public Health Department,  
"Riverside",  
Globe Lane,  
CHATHAM.

To the Mayor, Aldermen and Councillors  
of the Borough of Chatham.

Your Worship, Mesdames and Gentlemen,

During the year under review the routine work of the Health Department maintained a steady momentum. No unusual problems in environmental health were encountered and activity was directed along familiar and well established lines. Unfortunately one must record a halt in the Council's programme of smoke control to cover the Borough by the mid 70's - the cost of the project is easily assessed but the subsequent benefits are not so easy to quantify. One can only hope that financial policy at local level will permit acceleration in years to come.

It is a well known fact that there is a correlation between atmospheric pollution and chronic bronchitis. Britain has the highest death rate in the world from chronic lung disease. Standing on the high ground on a still winter's morning, smoke from domestic chimneys can be seen like a blanket over a large area of the Borough - while such local pollution exists, this smoke with its high sulphur content, adds its own contribution to the national statistics.

The Borough is part of a continuous belt of urban development where boundaries are legacies of the past, and it must co-operate with neighbours on both sides in formulating its clean air policy. Common sense now indicates that the next decade is a more realistic target for completion of the programme leading to a clean atmosphere for this area of Kent, while at the same time hoping that the new local authorities who will take over responsibility after 1974 can be influenced towards an appreciation of the benefits to their area, of an early completion of the project.

#### STATISTICS

##### POPULATION

57,760

The mid year estimate of the Registrar General recorded an increase of 1,200 in the resident population over the previous year's total.

TOTAL LIVE BIRTHS  
1,332

BIRTH RATE  
21.22 per 1,000  
population

This total was 84 in excess of the previous year's figure.

The birth rate as amended by the comparability factor remained well above the national rate of 16.0.

Rates for the previous 10 years are recorded for comparison.

	<u>CHATHAM</u>	<u>ENGLAND AND WALES</u>
1961	19.77	17.40
1962	18.73	18.00
1963	20.07	18.20
1964	20.92	18.40
1965	21.46	18.10
1966	20.06	17.70
1967	22.05	17.20
1968	21.25	16.90
1969	20.70	16.30
1970	20.29	16.00

ILLEGITIMATE BIRTHS  
103

This figure was 16 in excess of the previous year's total. As a percentage of the total births it gave a local rate of 7.8 which was in keeping with the national average of 8 per cent.

Figures for the previous 5 years are recorded for comparison.

	<u>TOTAL</u>	<u>CHATHAM</u>	<u>ENGLAND AND WALES</u>
1966	78	6.65	7.88
1967	84	6.50	8.30
1968	86	6.80	8.50
1969	99	7.90	8.00
1970	87	7.00	8.00

TOTAL STILL BIRTHS  
17

The still birth rate of 12.60 per 1,000 total births was in keeping with the national figure of 12.0.

INFANT MORTALITY  
Total Deaths under 1 year  
26

Included in the total deaths of infants under 1 year of age were 17 who died within the first month of life. The infant mortality rate was 19.5 per 1,000 live births and remained above the national figure of 18.0.

## PERINATAL MORTALITY

34

This figure brings together the still births and neonatal deaths during the first week of life and is considered to be an indication of the hazard of child birth and unfavourable genetic factors associated with conception.

The figure is calculated on total births, live and still, and gave a figure of 21.0 compared with the national figure of 22.0.

## DEATH RATE

Total Deaths

516

The corrected death rate was 10.54 per 1,000 being in keeping with the national figure of 11.6 per 1,000 population.

The main causes of death followed the usual pattern.

- (1) Degenerative disease of the Circulatory System                      Total 214              41.5%
- (2) Cancer (all forms)                      Total 120              23.2%  
(Included within this figure were 23 male and 6 female deaths due to carcinoma of the lungs.)
- (3) Disease of the Respiratory System                      Total 83              16.1%

<u>Violent Deaths</u>	<u>Male</u>	<u>Female</u>
Motor vehicle accidents	5	2
Other accidents	5	1
Suicide	2	1

## I N F E C T I O U S   D I S E A S E S

## MEASLES

There were 115 cases notified - none required hospital admission so far as is known. Peak incidence was in the late Spring of the year. This marked reduction from the previous year's total of 872 cases is in keeping with the cyclic activity of the infection and it will require some further year's experience before one can be assured that parents are alerted to the need for protective inoculation against this infection.

## INFECTIVE JAUNDICE

There were 9 notifications and none required hospital in-patient treatment for the infection. Nationally there has been a considerable fall in the total notifications and it may be that there is an increasing immunity in the population from previous years' infections.

## SCARLET FEVER

There were 67 notifications and none so far as could be determined required hospital treatment for the disease.

For the past 8 years there has been a considerable rise in the prevalence of this infection locally and many mild cases must go unrecorded.

Notifications were received fairly uniformly over the year and again over half the cases were in children of school age.

## WHOOPING COUGH

There were 10 notifications and one case required hospital admission.

## TUBERCULOSIS

New notifications of Pulmonary Tuberculosis numbered 5 and 3 cases of non-pulmonary disease were diagnosed.

There were 3 deaths from the disease. At the end of the year there were 269 persons on the Tuberculosis Register being a fall of 16 from the total of the previous year.

The above figure of 269 includes 18 persons who were notified to us as failing to co-operate with the Chest Clinic.

## E N V I R O N M E N T A L   H E A L T H

### HOUSING

Inspection of properties within the Borough in preparation for their inclusion in clearance areas showed a considerable drop and only 7 houses were reported to the Health Committee. Closing Orders were applied to 17 houses or parts thereof. No progress proved possible in bringing to fruition, general improvement areas which must occupy a higher priority in the years ahead.

## HYGIENE

The Public Health Inspectors made 1,747 visits to premises and stalls where food was prepared for sale to the public.

At the local slaughterhouse 387 visits were required to effect 100% meat inspection of some 12,976 animals, mainly pigs.

Legal proceedings under the Food and Drugs Act, 1955, were instituted in respect of 9 items of food brought to the Health Department by members of the public.

## OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963

Under the powers conferred by this Act, 352 general inspections of premises took place. Slightly over 5,000 persons were employed in the premises registered under the Act and generally conditions for employed personnel were satisfactory.

The total number of registered premises in the Borough at the end of the year was 595 of which 41 were registered for the first time. 19 accidents were reported and 18 of them were investigated.

## S T A F F

### DEPUTY MEDICAL OFFICER OF HEALTH

Dr. B. M. Gooch commenced duty on 5th April 1971, on a shared basis with 7 other district councils.

### PUBLIC HEALTH INSPECTORS.

Only one change took place during the year under review, Mr. J. Moores leaving on 31st January 1971 on appointment to a senior post with Manchester Corporation - the vacancy created was filled by Mr. R. D. Bushrod, B.Sc. who had been sponsored for a University degree course by the Council.

### OTHER STAFF

Mr. W. T. Southern retired on 12th October, 1971, after 25 years' service in the Health Department. He was a conscientious and loyal worker and for many years supervised Rodent Control throughout the District.

### CLERICAL

Mrs. B. Rutter resigned on 23rd March, 1971 and was replaced by Mrs. J. Collin on 1st April, 1971.

## A C K N O W L E D G E M E N T S

For the 23rd year the detail contained within the body of the report was compiled by Mr. O. Thomas, the Chief Clerk, and to him I record my gratitude.

Once again I thank the Chairman and Members of the Health Committee for their continuing interest in the Department's activity over the year and I am indebted to the County Medical Officer and Heads of other organisations for certain information they have permitted me to incorporate in the report.

As always the Public Health Inspectorate and Clerical staff together with the remaining health department employees exercised diligence and care in the duties which were their individual responsibility.

I have the honour to be,

Your obedient Servant,

L. F. McWILLIAMS

Medical Officer of Health

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres) .. .. .. .. .. .. .. .. .. .. ..	4,371
Number of inhabited houses on the Rate Books -	
Dwelling houses .. .. .. .. .. .. .. .. .. ..	18,776
Shops with living accommodation.. .. .. .. .. ..	276
Licensed premises, hotels, etc., with living accommodation	77
Rateable Value .. .. .. .. .. .. .. .. .. .. ..	f2,228,025
Product of penny rate (1970-71) .. .. .. .. .. ..	f8,792

## EXTRACTS FROM VITAL STATISTICS

Registrar-General's estimate of resident population  
(Including forces stationed in the area) .. .. .. .. 57,760

<u>Total Births</u> (Live and Still)		M.	F.	<u>Total</u>
Live Births, Legitimate	..	610	619	
Illegitimate	..	57	46	
		—	—	
		667	665	
		—	—	
				1,332
Still Births, Legitimate	..	11	5	
Illegitimate	..	1	-	
		—	—	
		12	5	
		—	—	
				17
				—
				1,349

## Birth Rate

Birth rate per 1,000 of estimated population (crude rate). 23.06  
 Corrected by comparability factor (0.92) .. .. .. 21.22  
 Still birth rate per 1,000 live and still births .. .. 12.60

### Total Deaths

All causes at all ages .. .. .. .. .. .. .. .. .. 516

### Death Rate

Death rate per 1,000 estimated population (crude rate) .. 8.93  
 Corrected by comparability factor (1.18) .. .. .. 10.54

STATISTICS AND SOCIAL CONDITIONS OF THE AREA, continued

EXTRACTS FROM VITAL STATISTICS, continued

Infant Mortality Rate

Deaths of infants under 1 year of age	26
All infants per 1,000 live births	19.52

Neo-Natal Mortality Rate

Deaths of infants under 4 weeks of age	17
Death rate per 1,000 live births	12.76

Early Neo-Natal Mortality Rate

Deaths of infants under 1 week of age	11
Death rate per 1,000 live births	8.26

The following table shows the average Birth, Death and Infant Mortality Rates for five yearly periods from 1910-1969 and for the years 1970 and 1971 (crude):

Period	Birth Rate per 1,000 of estimated population	Death Rate per 1,000 of estimated population	Infant Mortality per 1,000 births
1910 to 1914	25.1	13.4	105
1915 to 1919	22	18	97
1920 to 1924	22.1	12.3	73
1925 to 1929	19.53	12.96	73.2
1930 to 1934	16.86	12.1	58
1935 to 1939	16.01	12.02	53.48
1940 to 1944	20.29	14.64	65.57
1945 to 1949	22.55	14.97	36.24
1950 to 1954	16.04	10.61	31.39
1955 to 1959	18.30	9.48	20.14
1960 to 1964	21.37	9.93	19.75
1965 to 1969	22.94	9.42	16.44
1970	22.06	9.56	20.03
1971	23.06	8.93	19.52

STATISTICS AND SOCIAL CONDITIONS OF THE AREA, continued

EXTRACTS FROM VITAL STATISTICS, continued

The following table shows the number and percentage of deaths occurring at different age groups:-

Under 4 weeks	4 weeks and under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 35
17	9	5	-	8	9
3.3	1.7	1.0	-	1.6	1.7
35 and under 45	45 and under 55	55 and under 65	65 and under 75	75 and over	
14	30	94	122	208	
2.7	5.8	18.2	23.7	40.3	

Deaths of persons aged 65 years and over:-

Age	M.	F.
65 - 69	25	23
70 - 74	50	24
75 - 79	38	34
80 - 84	20	38
85 - 89	19	32
90 - 94	8	11
95 - 100	-	8
TOTAL	160	170

## INFANTILE MORTALITY

The following table shows the causes of infantile deaths in relation to age.

Disease	Under 4 weeks	4 weeks and under 1 year
1. Enteritis and other Diarrhoeal Diseases	-	1
2. Meningitis	2	-
3. Pneumonia	2	-
4. Other Diseases of Respiratory System	-	5
5. Intestinal Obstruction and Hernia	-	1
6. Nephritis and Nephrosis	-	1
7. Congenital Anomalies	5	1
8. Birth Injury, Difficult Labour etc.	5	-
9. Other causes of Perinatal Mortality	3	-
TOTAL	17	9

The following table shows statistically the increase in population per 1,000 persons living in five yearly periods since 1922:-

Period	Birth Rate	Death Rate	Natural increase per 1,000 Population
1922-1926	20.72	12.20	8.52
1927-1931	18.72	13.02	5.70
1932-1936	15.92	11.68	4.24
1937-1941	17.37	13.42	3.95
1942-1946	21.59	13.84	7.75
1947-1951	19.85	12.10	7.75
1952-1956	16.35	9.88	6.47
1957-1961	19.76	9.59	10.17
1962-1966	22.24	9.80	12.44
1967-1971	22.94	9.12	13.82

## TOTAL DEATHS, 1971

	Causes of Death	M..	F.
		275	241
1.	Enteritis and Other Diarrhoeal Diseases	-	1
2.	Tuberculosis of Respiratory System ..	-	2
3.	Other Tuberculosis .. .. .. ..	-	1
4.	Malignant Neoplasm, Buccal Cavity etc.	1	-
5.	Malignant Neoplasm, Oesophagus .. ..	1	1
6.	Malignant Neoplasm, Stomach.. .. ..	6	5
7.	Malignant Neoplasm, Intestine .. ..	7	14
8.	Malignant Neoplasm, Larynx .. .. ..	3	1
9.	Malignant Neoplasm, Lung, Bronchus ..	23	6
10.	Malignant Neoplasm, Breast .. .. ..	1	11
11.	Malignant Neoplasm, Uterus .. .. ..	-	2
12.	Malignant Neoplasm, Prostate .. .. ..	1	-
13.	Leukaemia .. .. .. ..	5	-
14.	Other Malignant Neoplasms .. .. ..	17	12
15.	Benign and Unspecified Neoplasms.. ..	1	2
16.	Diabetes Mellitus.. .. .. ..	3	6
17.	Other Endocrine etc. diseases .. ..	-	1
18.	Meningitis .. .. .. ..	1	1
19.	Multiple Sclerosis .. .. .. ..	3	-
20.	Other Diseases of Nervous System.. ..	4	2
21.	Chronic Rheumatic Heart Disease ..	2	4
22.	Hypertensive Disease .. .. ..	8	3
23.	Ischaemic Heart Disease .. .. ..	63	51
24.	Other Forms of Heart Disease .. ..	8	9
25.	Cerebrovascular Disease .. .. ..	22	31
26.	Other Disease of Circulatory System ..	6	7
27.	Influenza .. .. .. ..	1	-
28.	Pneumonia .. .. .. ..	22	12
29.	Bronchitis and Emphysema .. .. ..	24	14
30.	Asthma .. .. .. ..	-	1
31.	Other Disease of Respiratory System ..	5	5
32.	Peptic Ulcer.. .. .. .. ..	4	4
33.	Intestinal Obstruction and Hernia ..	2	2
34.	Cirrhosis of Liver .. .. .. ..	2	1
35.	Other Disease of Digestive System ..	1	3
36.	Nephritis and Nephrosis .. .. ..	2	1
37.	Hyperplasia of Prostate .. .. ..	2	-
38.	Other Diseases, Genito-Urinary System..	4	10
39.	Congenital Anomalies .. .. .. ..	3	4
40.	Birth Injury, Difficult Labour etc. ..	4	1
41.	Other causes of Perinatal Mortality ..	-	3
42.	Symptoms and ill-defined conditions ..	1	3
43.	Motor Vehicle Accidents .. .. ..	5	2
44.	All Other Accidents .. .. ..	5	1
45.	Suicide and self-inflicted injuries ..	2	1

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES

(a) Notifiable Diseases (Other than Tuberculosis) during the year 1971.

Diseases	Total Cases notified	Treated in Hospital
Acute Encephalitis ..	1	1
Scarlet Fever .. ..	67	-
Infective Jaundice ..	9	-
Measles .. .. ..	115	-
Whooping Cough.. ..	10	1
Dysentery.. .. ..	1	1
Food Poisoning.. ..	2	-
Ophthalmia Neonatorum	4	4

(b) Notifiable Diseases (Ages)

	Scarlet Fever	Whooping Cough	Measles	Acute Encephalitis	Dysentery	Food Poisoning	Infective Jaundice	Ophthalmia Neonatorum
Under 1	-	3	8	-	1	-	-	4
1 - 2	6	1	35	-	-	-	-	-
3 - 4	12	2	39	-	-	-	-	-
5 - 10	40	4	29	-	-	-	1	-
11 - 15	5	-	1	-	-	-	2	-
16 - 20	3	-	2	-	-	-	-	-
21 - 25	-	-	-	-	-	1	2	-
26 - 35	1	-	-	-	-	1	3	-
36 - 45	-	-	-	-	-	-	-	-
46 - 65	-	-	1	-	-	-	1	-
66 up	-	-	-	1	-	-	-	-
TOTALS	67	10	115	1	1	2	9	4

## PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES, continued

## (c) Notifiable Diseases (Wards)

	Whooping Cough	Measles	Scarlet Fever	Infective Jaundice	Acute Encephalitis	Dysentery	Food Poisoning	Ophthalmia Neonatorum
St. Mary's	1	3	2	2	-	-	-	-
St. John's	3	68	24	-	-	-	-	-
St. Michael's	-	12	4	1	-	-	-	-
St. Paul's	1	2	7	2	-	-	-	4
Luton	3	22	28	4	-	-	2	-
Christchurch	2	8	2	-	1	1	-	-
TOTALS	10	115	67	9	1	1	2	4

## (d) Notifiable Diseases (By Months of Year)

January	-	2	2	1	-	-	-	-
February	3	3	-	2	-	-	2	1
March	-	18	14	2	-	-	-	-
April	4	24	3	1	-	1	-	-
May	-	31	11	1	-	-	-	3
June	-	19	7	2	-	-	-	-
July	1	9	4	-	-	-	-	-
August	2	6	14	-	-	-	-	-
September	-	1	1	-	-	-	-	-
October	-	1	5	-	-	-	-	-
November	-	1	2	-	-	-	-	-
December	-	-	4	-	1	-	-	-
TOTALS	10	115	67	9	1	1	2	4

(e) Table Showing Number of Cases of Infectious Diseases, 1942-1971

Year	Measles	Whooping Cough	Scarlet Fever	Diphtheria	Typhoid and Paratyphoid Fever	Malaria	Ophthalmia Neonatorum	Meningococcal Infection	Acute Poliomyelitis	Acute Encephalitis	Dysentery	Food Poisoning	Infective Jaundice	Acute Meningitis
1942	417	219	38	8	-	-	5	6	1	-	-	-	-	-
1943	412	91	124	16	-	1	-	-	-	-	-	-	-	-
1944	201	182	48	12	-	1	3	3	-	-	4	-	-	-
1945	446	111	52	9	-	1	1	1	3	-	1	-	-	-
1946	568	52	26	2	-	-	5	2	1	-	1	-	-	-
1947	189	179	22	7	-	1	-	-	2	-	1	-	-	-
1948	723	171	8	-	-	-	1	3	2	-	1	-	-	-
1949	34	189	35	-	-	-	-	-	2	-	1	-	-	-
1950	567	137	85	-	-	-	-	1	1	-	20	-	-	-
1951	1183	396	57	-	-	-	1	-	-	2	46	3	-	-
1952	325	253	100	-	-	2	-	2	4	1	1	6	-	-
1953	880	205	31	-	-	-	1	1	7	-	33	3	-	-
1954	13	174	51	-	-	-	1	1	1	-	152	120	-	-
1955	844	173	20	-	-	-	2	2	2(P)	1	1	8	-	-
1956	7	82	13	-	-	4	-	2	2(P)	-	20	47	-	-
1957	1588	151	18	-	-	-	-	-	9(P)	-	-	7	-	-
1958	30	106	189	-	-	-	-	-	5(NP)	-	-	-	11	-
1959	879	107	70	-	-	4	-	-	2(P)	-	33	11	-	-
1960	256	41	38	-	-	-	-	1	-	-	22	53	-	-
1961	1183	45	6	-	-	-	-	-	1(P)	-	202	1	-	-
1962	238	31	9	-	-	1	-	-	1(P)	-	7	1	-	-
1963	682	67	5	-	-	-	-	-	-	-	33	4	-	-
1964	176	9	40	-	-	1	-	1	-	-	165	5	-	-
1965	977	26	43	-	-	1	-	2	-	-	57	1	-	-
1966	828	51	81	-	-	-	-	1	-	-	101	5	-	-
1967	366	24	17	-	-	2	-	2	-	-	47	5	-	-
1968	386	39	41	-	-	-	-	2	-	-	4	2	-	-
1969	75	2	52	-	-	-	-	-	-	-	23	-	28	1
1970	872	8	70	-	-	-	4	-	-	-	31	1	147	1
1971	115	10	67	-	-	-	4	-	-	2	2	7	26	2
										1	1	9	9	-

The following information, relating to Immunisation and Vaccination is given through the courtesy of the County Medical Officer, Kent County Council:-

Primary							
Year of Birth	Triple Antigen	Diphtheria Tetanus	Smallpox	Tetanus	Measles	Polio-myelitis	Rubella
1971	28	-	3	-	4	29	-
1970	769	22	81	1	471	892	-
1969	338	12	334	-	169	380	-
1968	52	9	32	3	89	75	-
1967	12	2	15	3	56	14	-
1966	5	2	14	2	27	1	-
1964-1965	2	2	7	7	14	-	-
1955-1963	1	7	2	117	12	-	668
TOTAL	1207	56	488	133	842	1391	668
Reinforcing							
1971	-	-	-	-	-	-	-
1970	-	-	-	1	-	-	-
1969	16	7	8	2	-	-	-
1968	23	19	6	4	-	-	-
1967	4	78	3	2	-	75	-
1966	24	610	34	-	-	591	-
1964-1965	5	129	22	3	-	134	-
1956-1963	1	21	32	46	-	33	-
TOTAL	73	864	105	58	-	833	-

## FOOD POISONING

### 1. OUTBREAKS

	No. of outbreaks		No. of cases		Total No. of cases
	Family outbreaks	Other outbreaks	Notified	Otherwise ascertained	
Salmonella Enteritidis	1	-	2	-	2

### 2. SINGLE CASES - NIL

### SCABIES TREATMENT

Arrangements can be made through the Public Health Department, Chatham, (Telephone 44751/5).

### CLEAN FOOD CAMPAIGN

Continued attention was given to maintaining and improving the standard of hygiene in food and food preparing premises throughout the Borough. Lectures were given to various organisations.

### VENEREAL DISEASE

The treatment centre for the Medway Area is situated at 36 New Road, Rochester. I am indebted to Dr. C. D. Routh, Director, for the following particulars:-

#### NEW PATIENTS - CHATHAM

Syphilis	4
Gonorrhoea	68
Other Conditions	173
	—
	245
	—

The following table shows the number of cases since 1962:-

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Gonorrhoea ..	56	23	34	48	53	37	49	30	39	68
Syphilis ..	8	4	2	7	5	3	5	5	5	4
Other Conditions	97	95	118	109	105	118	126	126	158	173

NOTIFICATION OF TUBERCULOSIS

PULMONARY

Primary Notifications	..	..	5
Private Practitioners	..	..	1
Hospitals	..	..	3
Chest Physician	..	..	1
Transferred from other districts			3
Reinstated Cases	..	..	2

NON-PULMONARY

Primary Notifications	..	..	3
Private Practitioners	..	..	1
Hospitals	..	..	2
Chest Physician	..	..	-
Transferred from other districts			-
Reinstated Cases	..	..	-

I am indebted to Dr. G.I. Rees-Jones, Consultant Chest Physician, for the following information:-

Particulars of patients from the Chatham Area who attended at the Chest Clinic, Rochester, during the year 1971:-

Pulmonary				Non-Pulmonary			
Adults		Children		Adults		Children	
M.	F.	M.	F.	M.	F.	M.	F.
6	3	-	-	-	1	-	-

Number of patients dealt with who were found to be non-T.B.

199

Total Attendances - 1139

TABLE SHOWING NEW CASES AND MORTALITY DURING 1971

Age Group	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	-	-	-	-	-	-	-	-
1 - 5 years	-	-	1	-	-	-	-	-
6 - 15 years	-	-	-	-	-	-	-	-
16 - 25 years	-	1	-	1	-	-	-	-
26 - 35 years	1	-	-	-	-	-	-	-
36 - 45 years	1	-	-	1	-	-	-	-
46 - 65 years	1	-	-	-	-	2	-	-
66 years up	1	-	-	-	-	-	-	1
Age Unknown	-	-	-	-	-	-	-	-
TOTALS	4	1	1	2	-	2	-	1

REGISTERED CASES OF TUBERCULOSIS AS AT 31ST DECEMBER IN EACH YEAR:-

<u>Year</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Total</u>	<u>Deaths</u>
1946	245	88	333	37
1947	259	102	361	34
1948	266	56	322	38
1949	291	72	363	30
1950	308	72	380	22
1951	322	69	391	20
1952	352	68	420	25
1953	392	70	462	8
1954	398	59	457	18
1955	410	58	468	6
1956	409	60	469	9
1957	407	53	460	7
1958	397	49	446	-
1959	406	47	453	3
1960	389	51	440	7
1961	382	54	436	6
1962	384	56	440	4
1963	376	56	432	6
1964	359	47	406	3
1965	348	48	396	2
1966	320	48	368	3
1967	295	41	336	2
1968	279	39	318	3
1969	273	35	308	2
1970	252	33	285	1
1971	234	35	269	3

AVERAGE NUMBER OF NOTIFICATIONS, DEATHS AND RATES IN 5 YEARLY PERIODS FROM 1935-1969  
AND THE YEARS 1970 AND 1971

Year	Population	Pulmonary Tuberculosis			Non-Pulmonary Tuberculosis			Totals	
		Notifi-cations Per 1,000 persons living	Deaths Per 1,000 persons living	Death Rate	Notifi-cations Per 1,000 persons living	Deaths Per 1,000 persons living	Death Rate	Notifi-cations Per 1,000 persons living	Deaths Per 1,000 persons living
1935-1939	44,732	45	1.00	.28	.62	12	.27	3	.07
1940-1944	35,752	63	1.76	.33	.92	12	.34	6	.17
1945-1949	39,932	71	1.78	.32	.80	15	.38	4	.10
1950-1954	50,090	75	1.50	.18	.36	10	.20	1	.02
1955-1959	50,436	43	.85	5	.10	4	.08	-	.00
1960-1964	50,296	24	.47	5	.095	3	.07	4	.008
1965-1969	53,976	16	.31	2	.03	3	.06	1	.01
1970	56,560	11	.19	1	.02	2	.04	-	.00
1971	57,760	5	.09	2	.03	3	.05	1	.02

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT FOR 1971

To the Mayor, Aldermen and Councillors of the Borough of Chatham.

Your Worship, Ladies and Gentlemen,

I have pleasure in submitting my eighth Annual Report on the environmental health work of the Public Health Inspectorate for the year ended 31st December 1971.

Owing to the forward thinking policy of the Health Committee, the department again maintained, throughout the year, a full establishment of District Public Health Inspectors, which is so necessary for a balanced and continued progression of all the related health functions.

Housing

Although during the year only a few houses were included in two small clearance areas, housing inspections continued preparatory to representing larger areas early in 1972.

Applications for Qualification Certificates under the 1969 Housing Act legislation continued, but more slowly than last year. No applications for Certificates of Disrepair were received.

Lack of amenities and inadequate means of escape from fire were found at several houses in multiple occupation and the appropriate action taken.

Food Inspection and Hygiene

The total number of animals killed at the private slaughterhouse was just short of thirteen thousand and the highest total for over thirty years. All carcases and offal were inspected by a public health inspector, who was in attendance at the slaughterhouse while slaughtering took place.

Inspections of the many varied types of food premises continued during the year and advice given on stock rotation and coding of foodstuffs, two very important aspects of shop hygiene and management.

Food sampling can be a pure routine, but at other times prove

outstandingly interesting if not rewarding.

Sampling of tinned steak proved difficult. Should individual tins be taken, should the contents of several tins be mixed before sampling, or should an individual tin be divided as required? The problem became more acute when the Public Analyst reported a deficiency of meat in informal samples. Correspondence passed between office and manufacturer and manufacturer's chemist and Public Analyst, with apparently little result. However, when formal samples were taken some time later the meat content was reported as satisfactory - an interesting exercise and the public protected.

#### Atmospheric Pollution

It is disappointing to report that the smoke control area programme slowed, if not ceased, during the year. The earlier difficulties over solid smokeless fuels and the new financial arrangements which made it necessary to look with a more critical eye and balanced view of priority at all the Council's projects, caused postponement. The smoke control programme has been the main factor in reducing low level pollution and should be continued at the earliest possible moment.

#### Disinfestation

During the year there was an unexplained increase in the number of requests for disinfestation of rooms in dwelling houses infested with vermin and the total of complaints regarding mice in houses also increased. There has not been any evidence of bait 'shyness' or resistance to the poisons used. It will be interesting to compare next year's figures to see if this trend is contained and reduced.

The body of the report contains statistics of the many more varied duties of your Public Health Inspectors.

I would like, again, to express my appreciation for the help and assistance given me, and the interest shown throughout the year by the Chairman and members of the Health Committee, Dr. McWilliams, my deputy Mr. Moore, members of the Health Department and colleagues in other Departments.

I am,

Your obedient Servant,

T. BARLEY

Chief Public Health Inspector

## SANITARY CIRCUMSTANCES OF THE AREA

### RAINFALL DURING 1971

I am indebted to A.E. Round, Esq., BSc, FICE, MIWE, MBIM, for the following figures taken at the Luton Pumping Station:-

January	Total depth in millimetres
February	21.1
March	52.2
April	41.6
May	60.0
June	140.2
July	19.9
August	54.5
September	17.2
October	56.9
November	46.9
December	27.2
TOTAL	601.6

### WATER

1. Supply is by the Medway Water Board and has been satisfactory both in quality and quantity. Nineteen samples of water were taken for bacteriological examination, each of which showed a good result. Chlorination is still carried out.

In addition to the above, 18 samples of water from swimming pools were taken for bacteriological examination. All were satisfactory.

2. The water is obtained from underground wells in the chalk and is piped to supply reservoirs for distribution. Reports of bacteriological examination by the Water Board Chemist are received every month on samples taken from the numerous underground wells prior to treatment, and also of water going into supply.

3. Chemical Analysis: No samples of drinking water were taken during 1971, but 3 samples of water from the floor of the cellar of a public house were taken in an endeavour to trace the origin of the water.

4. Water is not liable to have plumbo-solvent action.

5. Action taken in respect of any form of contamination.

None required.

6. Number of dwelling houses supplied from public water main:-

(a) Direct to Houses .. ..	19,127
(b) Standpipes .. ..	1

7. Number of population supplied from Public Water Main:-

(a) Direct to Houses .. ..	57,755
(b) Standpipes .. ..	4

8. One property is supplied by means other than mains

#### DRAINAGE, SEWERAGE AND SEWAGE DISPOSAL

The number of properties connected to the public sewer during the year was:-

##### New Properties:-

Corporation Property .. ..	74
Private .. .. ..	326
Existing Houses.. .. ..	4
Total connected during year ..	404
	====

Responsibility for sewerage and sewage disposal lies with the Medway Joint Sewerage Board and the arrangements are adequate.

917 Complaints of choked drains were received.

65 Cesspools were emptied

## HOUSING

### 1. INSPECTION OF DWELLING HOUSES DURING THE YEAR

(a) Number of dwelling-houses found to be unfit for human habitation and dealt with under Clearance Area procedure ... ... ...	7
(b) Number of individual houses (including parts of houses) found to be unfit for human habitation ... ... ...	16
(c) Number of houses in respect of which Public Health Act notices were served requiring repairs to be carried out ... ... ...	60

### 2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES

Number of defective dwelling houses rendered fit in consequence of informal action by the local Authority or their Officers ... ... ...	42
---	----

### 3. ACTION UNDER STATUTORY POWERS DURING THE YEAR

#### (a) Public Health Acts:-

(i) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	64
(ii) Number of dwelling-houses in which defects were remedied after service of formal notices:-	
(a) by owners ... ... ...	52
(b) by Local Authority in default of owners ... ... ...	-

#### (b) Housing Act, 1957

(i) Number of dwellinghouses in respect of which Demolition Orders were made	-
(ii) Number of dwellinghouses (including parts of dwelling houses) in respect of which Closing Orders were made ...	17
(iii) Number of individual unfit houses demolished ... ... ...	1
(iv) Number of dwellinghouses in respect of which Closing Orders were determined	1

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR, cont'd.

(c) Housing Act, 1961 - Houses in Multiple Occupation

The following statutory notices were served:-

Section 15 - Execution of works to render premises reasonably suitable for occupation by the persons or households occupying them	...	...	...	...	...	6
Section 16 - Provision of satisfactory means of escape from fire	...	...	...	...	...	6
Section 19 - Direction to prevent or reduce overcrowding	...	...	...	...	...	10

CLEARANCE AREAS

The following areas were represented by the Medical Officer of Health:-

Clover Street Nos. 1 & 2 - 7 houses

NEW HOUSES DURING 1970

(a) Total number of dwelling houses on plans submitted during 1971	...	...	...	...	336
(b) Total number of dwelling houses erected during 1971 -					
(1) by Local Authority	...	...	...	...	74
(2) by other Persons	...	...	...	...	326

COMMON LODGING HOUSES

There are no common loding houses within the Borough.

RENT ACT, 1968 - Certificates of Disrepair

No action was necessary under this Act during the year.

HOUSING ACT, 1969 - QUALIFICATION CERTIFICATES

1. Improvement Cases

(a) No. of applications received	7
(b) No. of applications cancelled or withdrawn	1
(c) No. of applications rejected	-
(d) No. of certificates of provisional approval issued	2
(e) No. of qualification certificates issued under Section 46(3)	5

2. Standard Amenities Already Provided

(a) No. of applications received	30
(b) No. of applications cancelled or withdrawn	3
(c) No. of applications rejected	16
(d) No. of qualification certificates issued under Section 45(2) in respect of:-	
(i) dwellings with rateable value of £60 or more	3
(ii) dwellings with rateable value of £40 to less than £60	5
(iii) dwellings with rateable value of less than £40	1

3. Exemption for low income Tenants from Section 54

No. of certificates issued under Section 55	-
---	---

FOOD AND DRUGS ACT, 1955

During the year, 131 samples of food and drugs were submitted for analysis as per the following table:-

Description	No. of Samples		Results of Analysis		
	Formal	Informal	Unsatisfactory		Satisfactory
			Formal	Informal	
Breadcrumbs .. ..		2			2
Butter .. ..		1			1
Beer .. ..		1			1
Biscuits.. ..		1			1
Cheese .. ..		7		1	6
Carrots .. ..		1			1
Cream .. ..		9		1	8
Crab (Dressed)..		2			2
Colouring .. ..		3			3
Cheesecake .. ..		1			1
Custard Tarts.. ..		1			1
Curry .. .. ..		3			3
Drugs .. .. ..		9		2	7
Dried Fruit .. ..		2			2
Fruit Pudding.. ..		1			1
Fruit (tinned).. ..		2			2
Fish .. .. ..		3			3
Faggots .. .. ..		1			1
Flour .. .. ..		1			1
Honey .. .. ..		2			2
Hot Dog Relish ..		1			1
Hop Extract .. ..		1		1	
Irish Stew .. ..		1			1
Ice Cream .. ..		1			1
Jam.. .. ..		1			1
Jelly .. .. ..		3			3
Lamb and Vegetable					
Ready Meal .. ..		1			1
Meat Pie.. .. ..		7		1	6
Milk .. .. ..		4		2	2
Meringue Powder ..		1			1
Meat (tinned).. ..		8		3	5
Milk Shake Syrup ..		1			1
Meat Pudding .. ..		2			2
Mushrooms, creamed..		1			1
Marmalade .. .. ..		4		1	3
Milk Food .. .. ..		1			1
Pepper .. .. ..		1			1
Carried forward..		92		12	80

Description	No. of Samples		Results of Analysis		
	Formal	Informal	Unsatisfactory		Satisfactory
			Formal	Informal	
Brought forward		92		12	80
Potatoes, Instant		1			1
Mashed		1			1
Peanut Butter		12			12
Sweets		5			5
Soft Drink		2			2
Sausages		5			5
Sandwich Spread		3			3
Soup		1			1
Sauce		1			1
Seasoning		1			1
Savoury, Continental		1		1	
Savouries, with Ham					
and Egg		1			1
Sausage Meat		1			1
Tomato Puree		2			2
Treacle		1			1
Tea		2			2
	-	131	-	13	118

## UNSATISFACTORY SAMPLES

The following are the reports of the Public Analyst in respect of the unsatisfactory samples shown on pages 23 and 24.

### Pasteurised/Homogenised Milk (2 samples)

The samples were extremely sour but unfortunately it is not possible to state the age of the milks at the time of receipt as the rate of deterioration depends on a number of factors but more particularly the initial bacterial load and the temperature of storage.

### Cheese with Crabmeat

Solids 41.6, Fat 20.9, approx: Crab meat 10%. Label gives greater visual emphasis to crabmeat than to cheese although cheese is the major ingredient. It is also noted that the word "process" is not required in the description.

### Fresh Double Cream Pasteurised

Butter fat 47%. This figure is below the 48% minimum allowable for double cream.

### Pizza Napoletana

Fat 8.2% including 3.4% butter fat. Tomato solids 1.6%. Yeast in the list of ingredients should follow olives and origano should be after yeast.

### Aspirin

Aspirin 283 mg/tablet. The BP limits for aspirin in a 300 mg tablet are 285-315 mg/tablet.

### Aspirin

Aspirin 286 mg/tablet. Failed BP test for limit of free salicylic acid.

### Stewed Steak

Meat 70%. Meat with gravy should contain not less than 75% meat.

### Stewed Steak

Meat 93%. The meat content is slightly below the 95% minimum called for in Canned Meat Regulations.

### Stewed Steak (2 tins)

The Canned Meat Product Regulations 1967, require canned meat with gravy to contain not less than 75% meat. Where the meat content was 68% there was a deficiency of 9.4% of the minimum amount of meat and where the meat content was 69% there was a deficiency of 8% of the minimum amount of meat.

### Orange Marmalade

Orange 16 per cent. Marmalade should contain not less than 20% orange. Soluble solids 68.2% Vitamin C 43 mg/oz.

## UNSATISFACTORY SAMPLES, continued

### Steak Pie

The pie weighed 4.2 ozs. and should therefore contain not less than 1 oz. (28.4g) of meat. The meat content found was 27g. which is slightly low.

### Hop Extract

The article contains approximately 15% of hop extract in malt extract and therefore the description Hop Extract could mislead purchasers into believing they were buying a straight hop extract. A description such as "Malt and Hop Extract" would be preferable.

In addition to the above, items brought to the Department by members of the public were dealt with as follows:-

#### (a) Complaints where legal proceedings were instituted:-

<u>Item of Food</u>	<u>Fine</u>	<u>Costs, etc.</u>
Long bread rolls containing soiled dough, iron particles and woody fibres	25.00	14.50
Soured Milk	5.00	2.00
Cornish Pastie containing a metal staple	15.00	5.00
Brown Loaf affected by mould	15.00	5.00
Apricot Pie affected by mould	5.00	3.00
Chocolate Sponge Roll affected by mould	10.00	5.00
Chinese Meal containing a bluebottle fly	15.00	5.00
Milk containing two flies and a fragment of coal		Absolute discharge
Walnut cake containing bent and rusty nail		Prosecution withdrawn

#### (b) Complaints in respect of which warning letters were sent

Sweets  
Crisps  
Corn Oil  
Milk

## UNSATISFACTORY SAMPLES, continued

### (c) Complaints dealt with informally

Bone and Vegetable Broth	Cakes (3)
Stewed Steak	Meat
Sausage Roll	Frozen Chicken
Sweetcorn	Flour
Beefburgers	Crisps
Yoghurt (2)	Meat Pasty
Milk (3)	Cream
Bread Rolls	Crumpets
Cheese (2)	Fish
Mince	Bread Sauce Mix
Bread (2)	Margarine
Bacon (3)	Jam

## MILK

32 samples of milk were taken with the following results:-

Class of Milk	Number of Samples Tested	Appropriate Tests	No. of Samples		
			Passed	Failed	Void
Pasteurised	32	Phosphatase Methylene Blue	32	-	8

## MILK SUPPLIES - BRUCELLA ABORTUS

Number of samples of raw milk examined - NIL

## THE LIQUID EGG (PASTEURISATION) REGULATIONS, 1963

Number of egg pasteurisation plants in the district - NIL

## THE MILK (SPECIAL DESIGNATION) REGULATIONS, 1963, AS AMENDED

Licences for the period ending 31st December, 1971:-

Dealers' (Sterilised)	..	..	..	..	..	69
Dealers' (Pasteurised)	..	..	..	..	..	71
Dealer's (Untreated)	..	..	..	..	..	1
Dealer's (Ultra Heat Treated)	..	..	..	..	..	29

## SLAUGHTER OF ANIMALS ACT, 1958

The number of licensed slaughtermen on the register at the 31st December, 1971 was 7.

## INSPECTION OF MEAT AND OTHER FOODS

There is one licensed slaughterhouse within the Borough. All animals slaughtered are inspected by the Council's public health inspectors and if fit for human consumption are stamped with a mark identifying the inspector.

The following table shows the number of carcases inspected during the past ten years:-

Year	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
1962	636	115	377	1055	9015	11198
1963	711	55	358	1155	8369	10648
1964	703	29	98	874	8355	10059
1965	1151	9	50	1099	9578	11887
1966	1062	12	46	1502	10219	12841
1967	926	28	55	1456	9915	12380
1968	770	8	39	1432	10106	12355
1969	650	5	22	1674	10341	12692
1970	679	5	20	1805	10336	12845
1971	658	1	17	1755	10545	12976

## CARCASSES INSPECTED AND CONDEMNED

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number inspected ... ... ..	658	1	17	1755	10545	-
<u>All Diseases except</u> <u>Tuberculosis &amp;</u> <u>Cysticerci</u>						
Whole carcasses condemned ... ... ..	2	-	-	4	17	-
Carcases of which some part or organ was condemned ..	78	-	1	28	683	-
Percentage of the number inspected affected with disease other than tuberculosis & cysticerci	12.16	-	5.88	1.82	6.64	-
<u>Tuberculosis Only</u>						
Whole carcasses condemned ... ... ..	-	-	-	-	-	-
Carcases of which some part or organ was condemned ..		-	-	-	48	-
Percentage of the number inspected affected with tuberculosis ... ... ..	-	-	-	-	0.45	-
<u>Cysticercosis</u>						
Carcases of which some part or organ was condemned ..	-	-	-	-	-	-
Carcases submitted to treat- ment by refrigeration ..	-	-	-	-	-	-
Generalised and totally condemned ... ... ..	-	-	-	-	-	-

UNSOND FOOD VOLUNTARILY SURRENDERED, 1971

The total amount of meat and other foods condemned was 6 tons  
13 cwts. 2 qrs. 7 lbs.

	Tons	cwts.	qrs.	lbs.
Total weight of meat condemned ..	4	8	3	16
Total weight fish condemned ..			1	7
Total weight tinned and other foods condemned .. .. ..	2	4	1	12

All condemned meat is disposed of to a firm of by-products  
manufacturers.

Tinned foods are punctured and buried along with the household  
refuse.

FOOD HYGIENE (GENERAL) REGULATIONS, 1971

Category of Trade	Number of Premises	Category of Trade	Number of Premises
Bakehouses .. .. ..	1	General & Greengrocers' Shops	5
Bread Distribution Depots ..	1	Greengrocers' & Fruiterers' Shops.. .. .. ..	22
Butchers' Shops .. .. ..	29	Greengrocers' & Fruiterers' (Wholesale). .. .. ..	2
Butchers' & Provisions Shops .. .. ..	3	Grocers' Shops .. .. ..	8
Cafes & Restaurants .. ..	24	Grocers' & Greengrocers' Shops.. .. .. ..	1
Canteens .. .. .. ..	8	Hotels .. .. .. ..	3
Caterers .. .. .. ..	8	Ice Cream Manufacturer..	2
Chemists' Shops .. .. ..	12	Ice Cream Store .. .. ..	1
Clubs .. .. .. ..	13	Millers.. .. .. ..	1
Cold Stores & Meat Importers.. .. ..	5	Off Licence Premises	12
Confectioners' Shops (Cakes & Pastries) ..	15	Public Houses. .. .. ..	51
Cooked Meats & Meat Products Manufacturers .. .. ..	3	Self Service Stores, Supermarkets .. .. ..	20
Department Stores .. ..	1	Snack Bars .. .. ..	2
Fish Shops (Wet).. .. ..	4	Stalls .. .. .. ..	2
Fish Shops (Fried) .. ..	7	Sweets & Tobacco Shops..	36
Fish Shops (Wet & Fried) ..	2	Sweets & Tobacco (Wholesale). .. .. ..	2
Egg Retailer .. .. ..	1	'Take Away' Food Shops..	1
Egg & Poultry Merchants (Wholesale) .. .. ..	1	Wholesale Warehouse (General) .. .. .. ..	2
General Shops .. .. ..	37	TOTAL .. .. .. ..	348
Carried forward ..	175		

ICE CREAM

Seven premises are registered for the sale, storage and manufacture of ice cream and one hundred and ninety-five for the sale and storage of ice cream.

SAMPLING

Samples of ice cream are taken throughout the year and subjected to the appropriate test for provisional grading.

ICE CREAM MANUFACTURED OUTSIDE THE BOROUGH

Manufacturer	Number of Samples	Provisional Grade			
		1	2	3	4
A	1	1	-	-	-
B	2	2	-	-	-
C	1	-	-	1	-
D	4	3	-	1	-
E	1	1	-	-	-

ICE CREAM MANUFACTURED INSIDE THE BOROUGH

Manufacturer	Number of Samples	Provisional Grade			
		1	2	3	4
A	7	5	2	-	-
B	2	2	-	-	-
<u>Soft Ice Cream</u>					
A	5	5	-	-	-
B	10	10	-	-	-
C	7	7	-	-	-

If samples taken from soft ice cream machines fall within Provisional Grades 3 and 4 advice is given to the persons in charge of the machines and the cleansing and sterilising processes supervised.

#### PRESERVED FOOD

There are forty-nine premises registered for the preparation or manufacture of sausages or preserved food.

#### DISINFESTATION AND DISINFECTION

Rooms disinfested for vermin	...	...	...	257
Bedding disinfested for vermin	...	...	...	1
Infectious diseases - bedding disinfected	...			1
Infectious diseases - rooms disinfected	...			1
Wasps' Nests destroyed	...	...	...	88

#### PET ANIMALS ACT, 1951

Four premises are licensed for the sale of Pet Animals.

#### ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

Two persons are licensed to keep boarding establishments for animals.

#### RIDING ESTABLISHMENTS ACT, 1964

One person is licensed to keep a riding establishment.

#### SCRAP METAL DEALERS ACT, 1964

Thirty-one dealers are registered under the above Act.

#### RODENT CONTROL

Warfarin, which has been found to be safe and reliable is still the main poison used. No evidence of Warfarin resistance by either rats or mice has been discovered during treatments.

Visits by the Rodent Operator during 1971:-

Dwelling-houses	...	...	...	1,034
Business Premises	...	...	...	450
Farms	...	...	...	56
Corporation	...	...	...	154

The number of complaints of infestations received from local residents was 483.

There is no charge for this service.

The annual 10% test baiting and treatment of the sewers was carried out in May and a further treatment in November with the following results:-

July	- No. of manholes treated	...	...	316
	- " "	" showing poison take		2
November	- " "	treated	...	8
	" "	" showing poison take		-

REMOVAL OF RUBBISH, etc.

During the year, 31 loads of rubbish, etc. were removed.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

There are no Rag Flock Manufacturing premises within the Borough but two premises where filling materials are utilised are registered. These premises are satisfactory.

PUBLIC HEALTH ACT 1936

NOTICES SERVED

During the year the following Notices were served:-

Number of Informal Notices	..	..	..	63
Number of Statutory Notices served due to 1971				
Informal Notices not being complied with	..			61
Number of Statutory Notices served due to 1970				
Informal Notices not being complied with	..			10
Total Number of Statutory Notices served				
during the year	..	..	..	71

PUBLIC HEALTH ACT 1936, continued

NOTICES SERVED, continued

The following were completed:-

Number of Informal Notices completed without a Statutory Notice having been served .. ..	61
Number of Statutory Notices completed .. ..	76
Total Number of Notices completed in year 1971	137*

\*This figure includes notices completed during  
the year, but served prior to 1971.

VISITS MADE BY PUBLIC HEALTH INSPECTORS DURING THE YEAR

1. PUBLIC HEALTH ACTS	(a) Nuisances	876
	(b) Drainage	507
	(c) Other	44
	(d) Revisits	822
2. HOUSING ACTS	(a) Clearance	231
	(b) Repairs	95
	(c) Houses in Multiple Occupation	124
	(d) Overcrowding	2
	(e) Improvement Grants	556
	(f) Housing Advances	150
	(g) Revisits	121
	(h) C.O. and D.O.	191
3. FACTORIES ACT	(a) Mechanical	82
	(b) Non-Mechanical	17
	(c) Building Sites	4
	(d) Outworkers	28
4. FOOD & DRUGS ACT	(a) Food Inspection	362
	(b) Cafes	53
	(c) Shops	370
	(d) Licensed Premises	27
	(e) Ice Cream Registrations	32
	(f) Preserved Food -Registrations	10
	(g) Market Stalls	12
	(h) Mobile Shops & Delivery Vans	32
	(i) Milk Regulations	43

VISITS MADE BY PUBLIC HEALTH INSPECTORS DURING THE YEAR, continued

4. FOOD & DRUGS ACT, continued	(j) Sampling	262
	(k) Food Complaints	147
	(l) Slaughterhouse	387
	(m) School Kitchens & Canteens	10
5. CLEAN AIR ACT	(a) Recording Instruments	21
	(b) Smoke Observations	5
	(c) Smoke Control Areas	191
	(d) Other	30
6. OFFICES, SHOPS & RAILWAY PREMISES ACT	(a) General Inspections	352
	(b) Revisits	349
	(c) Other	108
7. Water Sampling .. .. .. .. .. .. .. .. ..	23	
8. Verminous Premises .. .. .. .. .. .. .. ..	163	
9. Certificates of Disrepair .. .. .. .. .. .. .. ..	-	
10. Riding Establishments .. .. .. .. .. .. .. ..	1	
11. Animal Boarding Establishments .. .. .. .. .. .. ..	3	
12. Infectious Disease and Food Poisoning.. .. .. ..	53	
13. Rodent Control .. .. .. .. .. .. .. ..	703	
14. Miscellaneous .. .. .. .. .. .. .. ..	1023	
15. Unsuccessful Visits .. .. .. .. .. .. .. ..	781	
	TOTAL	9403

NUISANCES ABATED AFTER SERVICE OF NOTICE

Accumulation of refuse removed .. .. .. .. .. ..	7
Ceilings repaired .. .. .. .. .. ..	9
Cesspools - premises connected to foul sewers .. .. .. ..	-
Chimneys repaired .. .. .. .. .. ..	1
Clean Air Act - Section 12(2) .. .. .. .. ..	3
Doors or frames repaired .. .. .. .. .. ..	8
Drains (Blocked) cleared .. .. .. .. .. ..	-
Drains repaired .. .. .. .. .. ..	45
Dustbins Provided .. .. .. .. .. ..	2
Factories Act, 1961 - work carried out .. .. .. ..	-
Firegrates, Stoves and Kitcheners repaired or renewed .. ..	3
Floors repaired .. .. .. .. .. ..	7
Flues repaired or provided .. .. .. .. .. ..	2
Food Hygiene Regulations 1960 - contraventions remedied ..	36
Gutters or downpipes repaired .. .. .. .. .. ..	33
Houses in multiple occupation (Standard Conditions) (Sec.15)	1
Offices, Shops & Railway Premises Act - Requirements complied with .. .. .. .. .. ..	78

NUISANCES ABATED AFTER SERVICE OF NOTICE, continued

Roofs repaired .. .. .. .. .. .. .. .. .. .. .. .. ..	13
Sinks repaired or renewed .. .. .. .. .. .. .. .. .. ..	2
Stair treads or steps repaired .. .. .. .. .. .. .. ..	-
Vent and soil pipes repaired or renewed .. .. .. .. .. ..	1
Walls - dampness remedied .. .. .. .. .. .. .. .. ..	13
Walls - internal, repaired .. .. .. .. .. .. .. .. ..	6
Walls - external, repaired .. .. .. .. .. .. .. .. ..	9
Windows repaired .. .. .. .. .. .. .. .. .. .. .. ..	28
W.C. Pans renewed .. .. .. .. .. .. .. .. .. .. .. ..	4
W.C.'s - other defects remedied .. .. .. .. .. .. .. ..	8
Yard paving repaired .. .. .. .. .. .. .. .. .. .. ..	-
Miscellaneous .. .. .. .. .. .. .. .. .. .. .. .. ..	-

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

REGISTRATIONS AND GENERAL INSPECTIONS

	Number of Premises Registered during the year	Total number of registered premises at end of year	Number of Registered Premises receiving a general inspection during the year
Offices .. .. ..	13	148	90
Retail Shops. .. ..	18	369	230
Wholesale Departments, Warehouses .. ..	1	27	10
Catering Establishments open to the public, canteens .. .. ..	9	48	21
Fuel Storage Depots ..	-	3	1
<b>TOTALS ..</b>	<b>41</b>	<b>595</b>	<b>352</b>

ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

Class of Workplace	Number of Persons Employed
Offices .. .. .. .. .. .. ..	2,089
Retail Shops .. .. .. .. .. ..	2,400
Wholesale Departments, Warehouses .. ..	237
Catering Establishments open to the public	326
Canteens .. .. .. .. .. ..	25
Fuel Storage Depots .. .. .. ..	13
<b>TOTAL</b>	<b>5,090</b>
<b>TOTAL MALES</b>	<b>1,922</b>
<b>TOTAL FEMALES</b>	<b>3,168</b>

TOTAL NUMBER OF VISITS OF ALL KINDS BY INSPECTORS TO REGISTERED PREMISES -

809

NUMBER OF INSPECTORS APPOINTED UNDER SECTION 52(1) or (5) OF THE ACT -

7

## APPENDIX "A"

FACTORIES ACT, 1961Prescribed Particulars on the Administration  
of the Factories Act, 1961PART I OF THE ACT

1 - INSPECTIONS for purposes of provisions as to health.

Premises	Number on Register	No. of		
		Inspections	Written Notices	Occupiers prosecuted
(1)	(2)	(3)	(4)	(5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .. .. ..	13	17	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .. .. ..	151	86	5	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .. .. ..	-	-	-	-
TOTAL .. .. ..	164	103	5	-

2 - Cases in which DEFECTS were found

Particulars	Number of cases in which defects were found					Number of Cases in which Prosecutions were instituted	
	Found	Remedied	Referred				
			To H.M. Inspector	By H.M. Inspector			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Sanitary Conveniences (S.7)							
(a) Insufficient .. ..	-	-	-	-	-	-	
(b) Unsuitable or defective	5	5	-	-	-	-	
(c) Not separate for sexes	-	-	-	-	-	-	
TOTAL .. .. ..	5	5	-	-	-	-	

PART VIII OF THE ACT

OUTWORK

(SECTIONS 133 AND 134)

Nature of Work	Section 133			Section 134		
	No. of out-workers in August list required by Section 133(1)(c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Wearing Apparel-Making .. ..	9	-	-	-	-	-
Electrical Appliances ..	2	-	-	-	-	-

Premises, where outwork is carried on, are visited to ensure that such work is undertaken in satisfactory conditions.

## APPENDIX "B"

CONFERENCES AND MEETINGS ATTENDED BY STAFF

<u>Organising Body</u>	<u>Subject</u>	<u>Place Held</u>	<u>Dates</u>	<u>Attended By</u>
Association of Public Health Inspectors	Week-end Seminar	Canterbury	26-28.3.71	Mr. D.T. Springate Mr. R.D. Bushrod
Royal Society for the Promotion of Health	Annual Congress	Eastbourne	29-23.4.71	Chief Public Health Inspector
Association of Public Food Technology Health Inspectors		Guildford	14.7.71	Mr. J. Bevan Mr. E.J. Stirzaker
The Royal Institute of Public Health and Hygiene	Annual Conference	Llandudno	28.9.71-1.10.71	Medical Officer of Health
Association of Public Health Inspectors	Annual Conference	Eastbourne	4-8.10.71	Chief Public Health Inspector
S.E. London Technical College	Noise Prevention & Control (Course)		Wednesdays 27.10.71 - 8.12.71	Mr. D.T. Springate Mr. E.J. Stirzaker
National Society for Clean Air	Annual Conference	Folkestone	2-5.11.71	Chief Public Health Inspector
Royal Society for the Promotion of Health	Housing Improvements	London	8.12.71	Mr. J. Bevan

APPENDIX "C"

PUBLIC HEALTH OFFICERS - POWERS OF ENTRY AND INSPECTION

1. Chatham Corporation Act, 1923
2. Merchandise Marks Act, 1926
3. Public Health Act, 1963
4. Public Health (Drainage of Trade Premises) Act, 1937
5. The Prevention of Damage by Pests Act, 1949
6. Diseases of Animals Act, 1950
7. Shops Act, 1950
8. Rag, Flock and Other Filling Materials Act, 1951
9. Pet Animals Act, 1951
10. Food and Drugs Act, 1955
11. Clean Air Act, 1956
12. Housing Act, 1957
13. Slaughter of Animals Act, 1958
14. Caravan Sites and Control of Development Act, 1960
15. Housing Act, 1961
16. Factories Act, 1961
17. Consumer Protection Act, 1961
18. Town and Country Planning Act, 1962
19. Animal Boarding Establishments Act, 1963
20. Offices, Shops and Railway Premises Act, 1963
21. Housing Act, 1964
22. Licensing Act, 1964
23. Riding Establishments Acts, 1964 and 1970
24. Scrap Metal Dealers Act, 1964



APPENDIX "D"

(A) MATERNITY AND CHILD HEALTH

The following information is given through the courtesy of the County Medical Officer, Kent County Council.

**ELM HOUSE, 15 NEW ROAD AVENUE, CHATHAM (Telephone 41382)**

Monday (Midwives)* .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Tuesday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Wednesday (Midwives) .. .. .. .. ..	10.00 a.m. - 1.00 p.m.
Thursday (Midwives)* .. .. .. .. ..	1.00 p.m. - 3.00 p.m.
Friday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.

**WHITE ROAD (Telephone 45767)**

Monday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Thursday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Tuesday, 1st, 3rd and 5th (Midwives)* .. .. .. .. ..	2.00 p.m. - 4.00 p.m.

**HOOK MEADOW (The Library, Weedswood Estate)**

Tuesday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
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**KINGS ROAD (Telephone 44670)**

Tuesday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Wednesday (Child Health) .. .. .. .. ..	10.00 a.m. - 12 noon
Friday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.

**WALDERSLADE CLINIC (Church Hall, Prices Avenue)**

Thursday (4th only) (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Friday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.

**WAYFIELD CLINIC (Telephone 43847)**

Monday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Tuesday (Midwives)* .. .. .. .. ..	1.30 p.m. - 5.00 p.m.
Thursday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.

**DARGETS WOOD (2 Duchess of Kent Drive)**

Monday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.
Tuesday (Midwives) .. .. .. .. ..	11.00 a.m. - 4.30 p.m.
Wednesday (Child Health) .. .. .. .. ..	10.00 a.m. - 12 noon
Thursday (Midwives)* .. .. .. .. ..	11.30 a.m.
Thursday (Child Health) .. .. .. .. ..	2.00 p.m. - 4.00 p.m.

(A) MATERNITY AND CHILD HEALTH, continued

Relaxation Classes are also held at the sessions marked\*. Combined immunisation against diphtheria, whooping cough and tetanus and vaccination against smallpox and poliomyelitis are available at all child health clinics.

School Clinics

ELM HOUSE

Minor Ailments -

Monday, 2nd and 4th (Doctor) .. . . . 9.30 a.m. - 12 noon

Dental (By appointment)

WAYFIELD CLINIC

Minor Ailments -

Friday, 2nd and 4th (Doctor) .. . . . 9.00 a.m. - 10.00 a.m.

Dental (By appointment)

"ELMSLEIGH", 118 MAIDSTONE ROAD (Telephone 42098)

Child Guidance, Ophthalmic, Speech (by appointment)

(B) SOCIAL SERVICES

The Social Services for the Borough are administered by the Director of Social Services, Kent County Council, under the Social Services Act, 1970. Among the services provided are Mental Health Aftercare, Domestic Help, Welfare, Aged and Handicapped, supervision of Day Nurseries and Registered Child Minders.

(C) THE HOSPITAL SERVICES are administered locally by the Medway and Gravesend Hospital Management Committee under Part II of the National Health Service Act 1946, and the following information is given through the courtesy of its Secretary at the Medway Hospital, Windmill Road, Gillingham (Telephone: Medway 46111-9).

All Saints' Hospital, Magpie Hall Road, CHATHAM.

Tel: Medway 41212

This is an acute general hospital of 311 beds for gynaecology, E.N.T., paediatric, geriatric, maternity and psychiatric patients. Outpatients clinics are held throughout the week.

(C) THE HOSPITAL SERVICES, continued

St. Bartholomew's Hospital, New Road, ROCHESTER.  
Tel: Medway 41511

This is a hospital of 146 beds for medical and surgical patients.  
There are out-patient clinics throughout the week.

St. William's Hospital, St. William's Way, ROCHESTER  
Tel: Medway 44622

This hospital has 66 beds, for post-operative cases referred from  
other hospitals in the Group and for radiotherapy patients.

Medway Hospital, Windmill Road, GILLINGHAM.  
Tel: Medway 46111

This hospital has 213 beds for medical, surgical and orthopaedic  
and paediatric patients, and orthopaedic out-patients clinics  
are held there. There is also a large Rehabilitation Department  
with out-patient clinics in physical medicine.

The Artificial Limb and Appliance Centre at the Hospital serves a  
wide area, covering the whole of Kent and some adjoining districts.

Canda House, Maternity Home, Barnsole Road, GILLINGHAM.  
Tel: Medway 51139.

This maternity home has 34 beds and booking is dealt with through  
the general practitioners. There are out-patients clinics for the  
expectant mothers who will be admitted to the Home.

Accident and Emergency Services.

All serious accidents and emergencies and surgical and medical  
emergency cases are taken, in the first instance, to the Accident  
and Emergency Department at the Medway Hospital, Windmill  
Road, Gillingham, where a full 24 hour emergency service is available.

(D) CHEST CLINIC

This clinic is situated at 13 New Road, Rochester, and the Chest  
Physician may be consulted by appointment (Telephone 42182).

Enquiries for appointments may be made during the following times:-

Monday to Friday .. 9 a.m. - 5 p.m.

(E) TREATMENT CENTRE FOR VENEREAL DISEASES

The Centre is situated at 36 New Road, Rochester, and is open on Monday (1.30 p.m. to 4.30 p.m.) and Thursday (10 a.m. to 1 p.m.) (Telephone 43343).

(F) LABORATORY SERVICES

The bacteriological examination of milk, water or other suspected material is carried out at the Public Health Laboratory, Preston Hall, British Legion Village, Maidstone, under the direction of the Medical Research Council for the Department of Health and Social Security.

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